

Title (en)

A SAFETY SYSTEM FOR SLIDING ELEVATOR DOORS, AN ELEVATOR AND A METHOD

Title (de)

SICHERHEITSSYSTEM FÜR AUFZUGSSCHIEBETÜREN, AUFZUG UND VERFAHREN

Title (fr)

SYSTÈME DE SÉCURITÉ POUR PORTES D'ASCENSEUR COULISSANTES, ASCENSEUR ET PROCÉDÉ

Publication

EP 3255010 A1 20171213 (EN)

Application

EP 16173912 A 20160610

Priority

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Abstract (en)

A safety system for sliding elevator doors (1) is disclosed. The system comprises a sliding door panel (2) and a door frame (3), or two sliding door panels (2) moveable in the same direction with different speeds. The system is characterized in further comprises a force-sensing resistor (4) extending along a side (5) of the door frame (3) facing the door panel (2), or along a side (6) of the slower-moving door panel (2b) facing the faster-moving door panel (2a), for detecting an object between the door panel (2) and the door frame. The system is further characterized in that movement of the door panel (2) is configured to be stopped when a characteristic, such as force, or speed of change in the force exerted on the force-sensing resistor, exceeding a predetermined threshold value is detected by the force-sensing resistor (4). Also an elevator, a door frame, a door panel and a method of installing said system are disclosed.

IPC 8 full level

B66B 13/26 (2006.01)

CPC (source: EP)

B66B 13/26 (2013.01)

Citation (applicant)

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